

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN THE APPLICATION OF: CHRISTOPHER KOLP ET AL.

DOCKET NO.: 3267R-02

CUSTOMER NUMBER: 26645

FILED: HERewith

A 371 OF PCT/US 2005/ 007544

**TITLE: DISPERSANT VISCOSITY MODIFIERS BASED ON DIENE-CONTAINING  
POLYMERS**

Wickliffe, Ohio

Dated: September 7, 2006

Hon. Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

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Prior to a first office action on the above case, the Examiner's attention is directed to the following items which may be relevant to the examination. Copies of each of the published documents, other than U.S. patent publications, copies of which are not required, are attached, as well as a completed form PTO/SB/08a. The Examiner is requested to ignore any extraneous markings that may be found on such items. The listing of any item herein is not intended as an admission that that item legally qualifies as "prior art."

Items from the International PCT Search:

PCT Publication WO 01/98387, December 27, 2001

EP 0 396 297, November 7, 1990

U.S. Patent 6,107,257, Valcho et al., August 27, 2000

U.S. Patent 4,904,401, Ripplc et al., February 27, 1990

Other items:

U.S. Patent 4,863,623, Nalesnik et al., September 5, 1989

U.S. Patent 5,264,140, Mishra et al, November 23, 1993

U.S. Patent 5,409,623, Mishra et al., April 25, 1995

U.S. Patent 5,429,757, Mishra et al., July 4, 1995

U.S. Patent 5,563,118, Mishra et al., October 8, 1996

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On September 7, 2006

By:

Terri Pecjak

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U.S. Patent 5,620,486, Cherpeck, April 15, 1997  
U.S. Patent 6,025,308, Matsuya et al., February 15, 2000  
U.S. Patent 6,107,258, Esche et al., August 22, 2000  
U.S. Patent 6,117,825, Liu et al., September 12, 2000  
U.S. Patent 6,187,721, Goldblatt et al., February 13, 2001  
U.S. Patent 6,207,624, Supp et al., March 27, 2001  
U.S. Patent 6,284,716, Günther et al., September 4, 2001  
U.S. Patent 6,544,935, Vargo et al., April 8, 2003  
U.S. Application 2004/0043909, Goldblatt et al., March 4, 2004, filed 5/23/03  
U.S. Application 2005/0153849, Mishra et al., July 14, 2005, filed Jan. 9, 2004  
GB 2 033 907, May 29, 1980

The following items may also be pertinent:

PCT Publication WO 2005/103093, November 3, 2005  
U.S. Application 2006-0025316, Covitch et al., February 2, 2006

Any required fees or any deficiency or overpayment in fees should be charged or credited to deposit account 12-2275 (The Lubrizol Corporation).

Respectfully submitted,

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David M. Shold

Attorney for Applicant

Reg. No. 31,664

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	Christopher Kolp	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	3267R-02	

U.S. PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6107257		2000-08-27	Valcho et al.	
	2	4904401		1990-02-27	Ripple et al.	
	3	4863623		1989-09-05	Nalesnik et al.	
	4	5264140		1993-11-23	Mishra et al.	
	5	5409623		1995-04-25	Mishra et al.	
	6	5429757		1995-07-04	Mishra et al.	
	7	5563118		1996-10-08	Mishra et al.	
	8	5620486		1997-04-15	Cherpeck	

Receipt date: 09/07/2006

Application Number

10598656 - GAU: 1796

Filing Date

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Christopher Kolp

Art Unit

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Attorney Docket Number

3267R-02

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9	6025308		2000-02-15	Matsuya et al.	
10	6107258		2000-08-22	Esche et al.	
11	6117825		2000-09-12	Liu et al.	
12	6187721		2001-02-13	Goldblatt et al.	
13	6207624		2001-03-27	Supp et al.	
14	6284716		2001-09-04	Gunther et al.	
15	6544935		2003-04-08	Vargo et al.	

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	1	20040043903		2004-03-04	Goldblatt et al.	
	2	20050153849		2005-07-14	Mishra et al.	

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	3	20060025316		2006-02-02	Covitch et al.	
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## **FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1	0198387	WO		2001-12-27			<input type="checkbox"/>
	2	0396297	EP		1990-11-07			<input type="checkbox"/>
	3	2033907	GB		1980-05-29			<input type="checkbox"/>
	4	2005103093	WO		2005-11-03			<input type="checkbox"/>

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## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
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## **EXAMINER SIGNATURE**

Examiner Signature	/Ling Siu Choi/	Date Considered	10/16/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Art Unit		
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Receipt date: 09/07/2006

Application Number

10598656 - GAU: 1796

Filing Date

First Named Inventor

Christopher Kolp

Art Unit

Examiner Name

Attorney Docket Number

3267R-02

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- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☐ None

## SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.16. Please see CFR 1.4(d) for the form of the signature.

Signature	/ David M. Shold #31664 /	Date (YYYY-MM-DD)	2006-09-07
Name/Print	David M. Shold	Registration Number	31664

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